

## WHAT IS CLAIMED IS

5.6 D. >  
1. An image reader having a document moving mode in which an original document carried through a document passing area on an original table is read by a readout section, characterized in that:

a first standard white board being longer than the length of said document passing area with respect to the main scanning direction is provided outside the document passing area;

10 a second standard white board is provided in an external region of an end portion of the document passing area with respect to the main scanning direction;

15 a control section controls the readout section in such a way that, in the document moving mode, the readout section reads the first standard white board prior to the initiation of the document read to thereby perform the shading correction, and after the document read has been initiated, said readout section reads the moving document as well as the reflected light of the second standard white board, so as to correct the  
20 quantity of irradiation light of said readout section, based on the reflected light from said second standard white board.

25 2. An image reader having both of a document fixing mode in which a readout section moves to read an original document put in a document putting area on an original table and a document moving mode in which the original document carried

through a document passing area on the original table is read by the readout section, characterized in that:

5 a first standard white board being longer than the length of said document putting area with respect to the main scanning direction is provided outside the document putting area;

a second standard white board is provided in an external region of an end portion of the document passing area with respect to the main scanning direction;

10 a control section controls the readout section in such a way that, in the document moving mode, the readout section reads the first standard white board prior to the initiation of the document read to thereby perform the shading correction, and after the document read has been initiated, said readout section reads the moving document as well as the reflected light of the second standard white board, so as to correct the quantity of irradiation light of said readout section, based on the reflected light from said second standard white board.

Sub a 17 20 3. An image reader according to claim 1 or 2, wherein said second standard white board is provided in the external region of both end portions of the document passing area with respect to the main scanning direction .

25 4. A method for correcting the quantity of light of a readout light source used in an image reader which irradiates

in a document moving mode in which the original document  
5 moves, the moving document image is read by using said readout  
light source, and the reflected light from a standard white  
board arranged outside a document passing area is also read;  
and

5. A method for correcting the quantity of light of a readout light source used in an image reader which irradiates an original document with the readout light source and reads the original document image based on the reflected light thereof, wherein

upon initiation of readout of the moving document, both the document and a second standard white board arranged outside the document passing area are read, by using said readout light

source; and

correction of the quantity of irradiation light of said  
readout light source is performed based on the reflected light  
from said second standard white board.

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add a<sub>2</sub>

Add B<sub>1</sub>

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